

Individual Proposal Report

Title: Implementing Programs to Reduce the use of Pesticides and Fertilizers in Sacramento and San Joaquin Watersheds (B289)

Geographic Area: San Joaquin Mainstem

Primary Stressor Addressed: Water Quality

Project Type: Implementation

Applicant Type and Name: Non-profit. Community Alliance with Family Farmers, Ernest Phinney, (916) 756-8518.

Funding: The applicant has requested \$1,681,056 for a three year project. CALFED approved funding for the first year, \$472,000, with 1997 Category III monies. It is recommended that the remaining two years be funded for \$1,208,631 from the 1998 Category III funds.

Cost Share: None proposed.

Project Description: The applicant operates two programs in five counties in the Sacramento and San Joaquin River watersheds. The Biologically Integrated Orchard Systems (BIOS) program provides technical information to farmers interested in dramatically reducing or eliminating pesticide use. The Lighthouse Farm Network (LFN) provides a forum for farmers to share experiences so that they can confidently proceed in the elimination of toxic chemicals. This proposal allows an expansion in the two programs. Specifically, the applicant will implement an extensive media campaign to enlist mainstem farmers; continue to coordinate BIOS in San Joaquin, Madera, and Colusa Counties through the 1999 growing season; oversee the transition of these projects to local leadership; and use the LFN to offer consistent technical support to conventional farmers and BIOS growers.

ERPP Linkage: The proposal meets the goals of the Ecosystem Restoration Program Plan (CALFED, Volume II, 28 July 1997) as it should help to reduce losses of fish and wildlife from use of pesticides, hydrocarbons, heavy metals, and other pollutants in the basin (page 359).

AFRP Linkage: This proposal contributes toward making all reasonable efforts to at least double natural production of anadromous fish as it supports the following action listed in the Revised Draft Restoration Plan for the Anadromous Fish Restoration Program (USFWS, 30 May 1997): Reduce toxic chemical and trace element contamination (Central Valley-wide Action 3, page 107).

Applicant's Proposed Monitoring: The applicant will engage the California Institute for Rural Studies to monitor reductions in pesticide use in the subject counties. Grower surveys and other media-based research techniques will also be used to document pest reduction. CALFED staff will review the proposed monitoring plan and revise as necessary.